

Special Issue

Optics and Photonics for Novel Physical and Chemical Sensors

Message from the Guest Editors

Optics and photonics technologies offer great opportunities for innovative chemical and physical sensors with applications in different industrial sectors such as structural health monitoring, energy production conversion and storage, oil and gas, transportation, automotive, security, medical, and biotech application fields. The Special Issue will review novel concepts of physical and chemical sensors based on optics and photonics. Topics of interest include, but are not limited to the following:

- Optical fiber sensors
- Photonic device and cables for sensing
- Integrated photonics
- Spectroscopy for sensing
- Photonic crystal structures
- LIDAR and remote sensing
- Spectral imaging
- Photonic lab-on-a-chip
- Thin film

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2021)



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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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